

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
 Data File : BN005814.D
 Acq On : 20 May 2019 23:47
 Operator : JU/SJ
 Sample : K2693-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH64

Manual Integrations
 APPROVED

mohammad
 5/21/2019 3:27:45 PM

Quant Time: May 21 05:08:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 04:05:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	126886	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	528232	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	346836	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	813422	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	592732	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	624984	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	7448	3.29	ng/uL	0.00
5) Phenol-d5	6.77	99	141346	14.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	88098	17.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	128817	16.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	72509	8.65	ng/ul	0.01
19) Nitrobenzene-d5	8.72	128	67118	17.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	69433	15.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	130636	15.46	ng/ul	0.02
29) 4-Chloroaniline-d4	10.49	131	57656	6.14	ng/ul	0.01
43) Dimethylphthalate-d6	13.63	166	486062	18.21	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	599479	18.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	23600m	6.28	ng/ul	0.05
57) Fluorene-d10	15.22	176	440473	19.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	5149	1.05	ng/ul	0.02
70) Anthracene-d10	17.07	188	594366	16.91	ng/ul	0.00
78) Pyrene-d10	19.39	212	613208	21.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	173328	6.18	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.80	94	10417	1.042	ng/ul#	83
28) Naphthalene	10.38	128	27554	1.092	ng/ul	96
34) 2-Methylnaphthalene	12.01	142	24672	1.266	ng/ul	94
44) Dimethylphthalate	13.67	163	106766	4.058	ng/ul	98
69) Phenanthrene	17.01	178	59479	1.475	ng/ul	96
79) Pyrene	19.42	202	43355	1.191	ng/ul#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

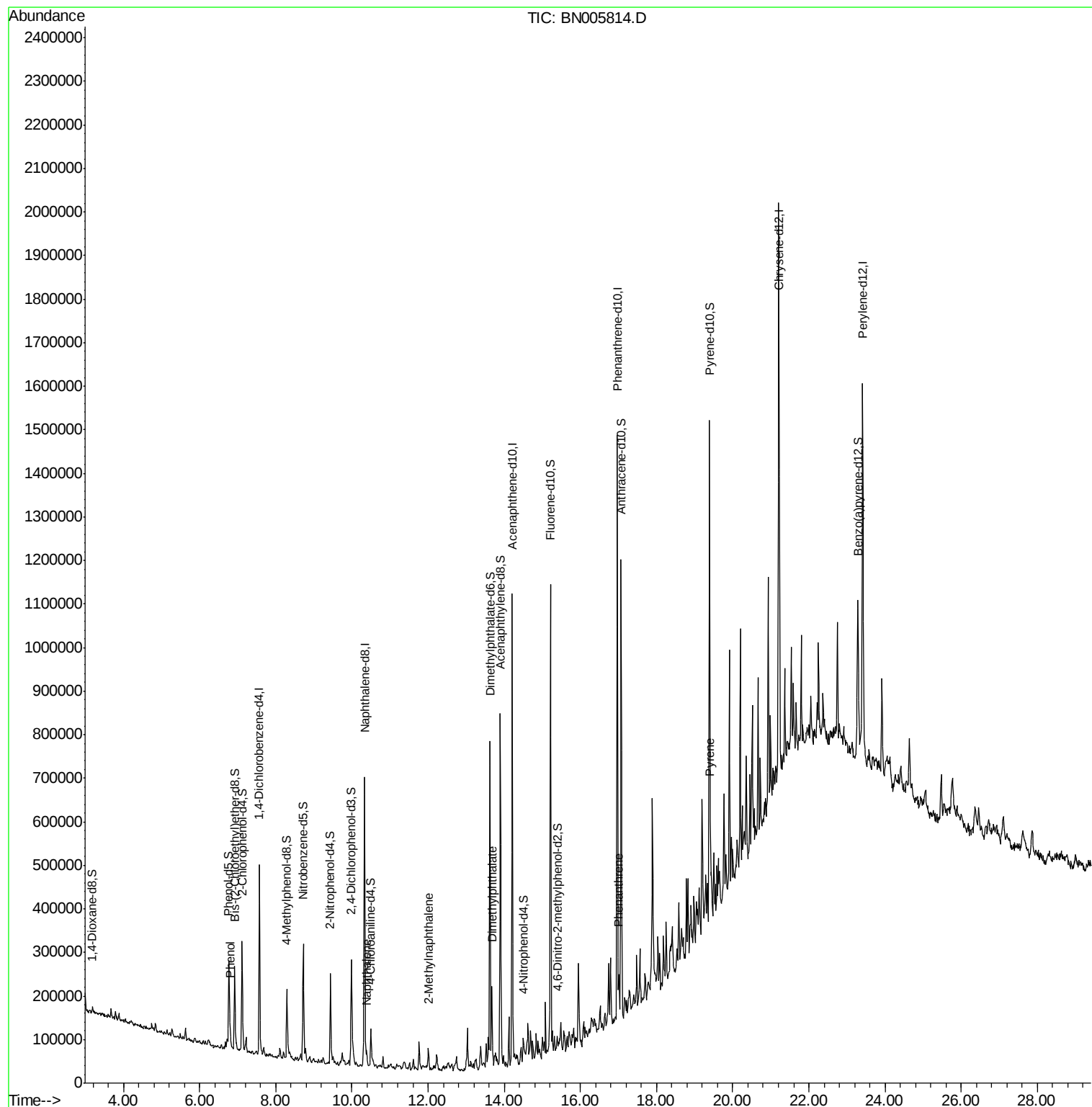
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
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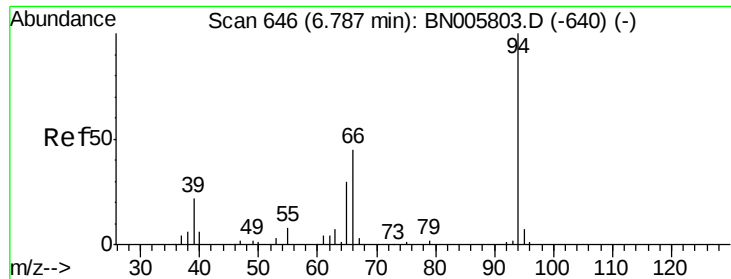
Instrument :
BNA_N
ClientSampleId :
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#6

Phenol

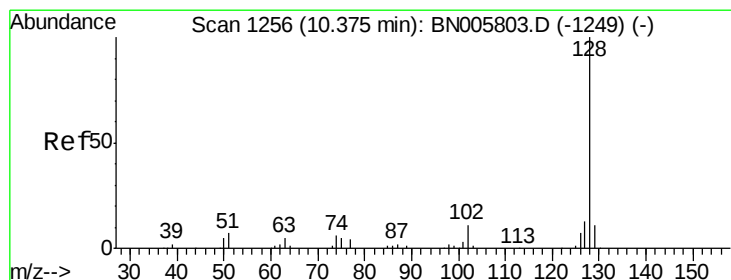
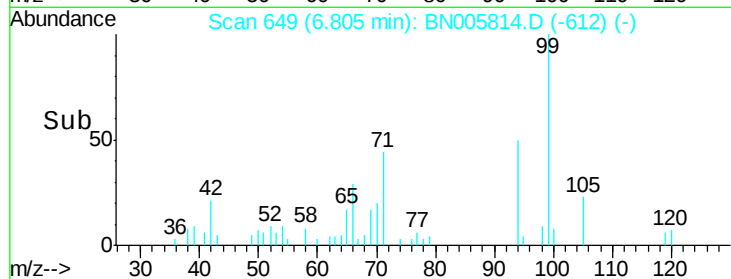
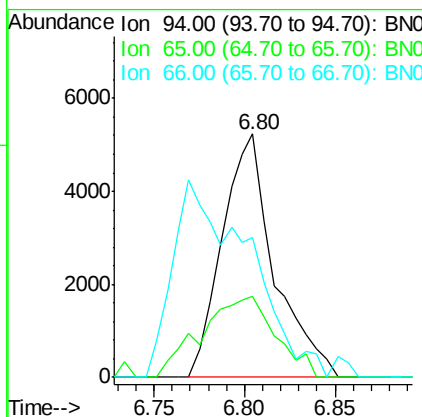
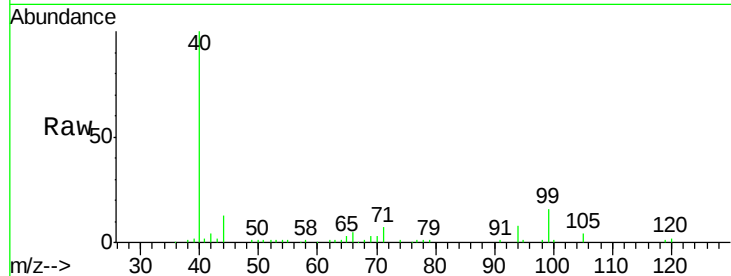
Concen: 1.042 ng/ul
 RT: 6.80 min Scan# 649
 Delta R.T. 0.02 min
 Lab File: BN005814.D
 Acq: 20 May 2019 23:47

Instrument :
 BNA_N
 ClientSampleId :
 BFH64

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.4	24.2	36.4
66	57.7	33.8	50.6

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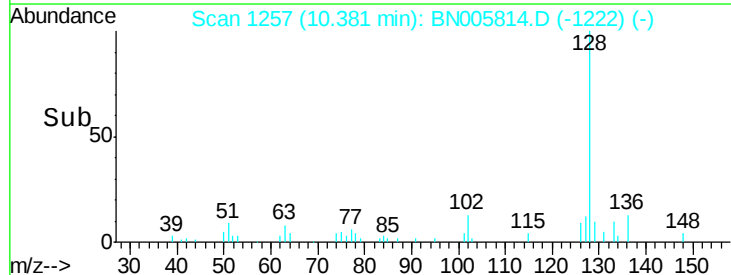
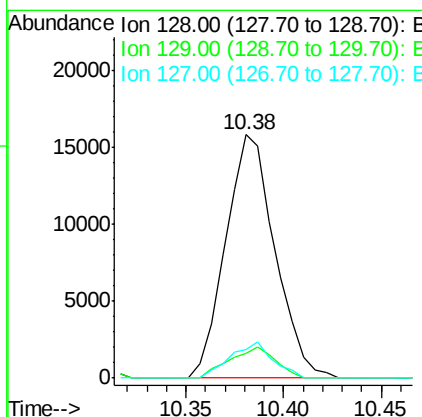
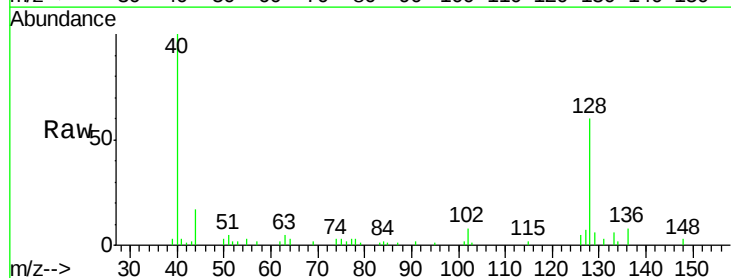


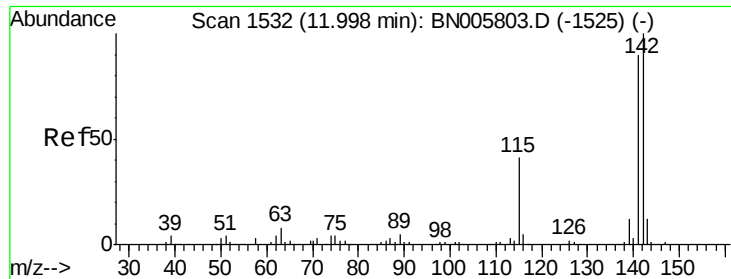
#28

Naphthalene

Concen: 1.092 ng/ul
 RT: 10.38 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BN005814.D
 Acq: 20 May 2019 23:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.2	13.8
127	11.9	10.7	16.1





#34

2-Methylnaphthalene

Concen: 1.266 ng/ul

RT: 12.01 min Scan# 1534

Delta R.T. 0.01 min

Lab File: BN005814.D

Acq: 20 May 2019 23:47

Instrument :

BNA_N

ClientSampleId :

BFH64

Tgt Ion:142 Resp: 24672

Ion Ratio Lower Upper

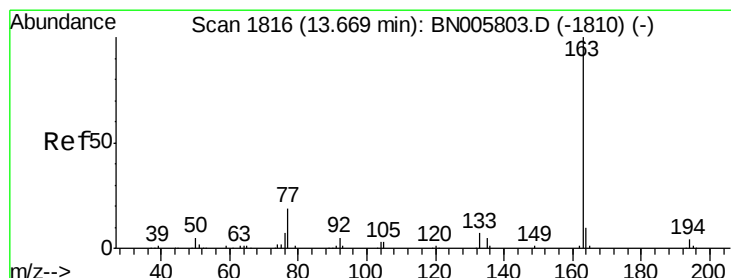
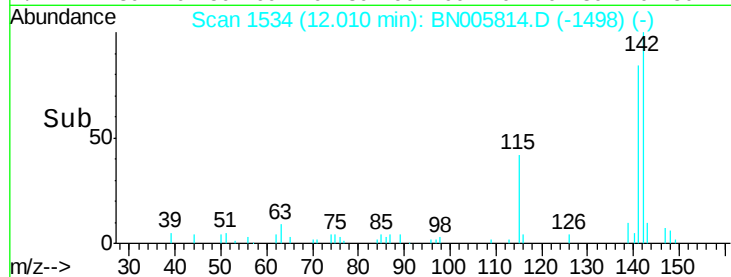
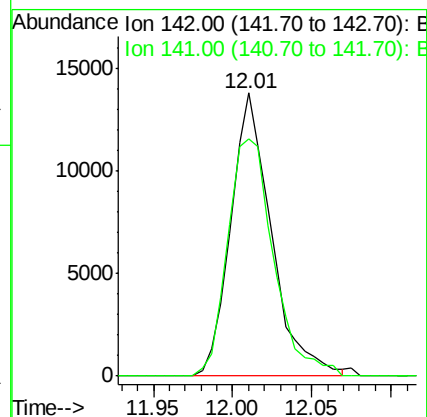
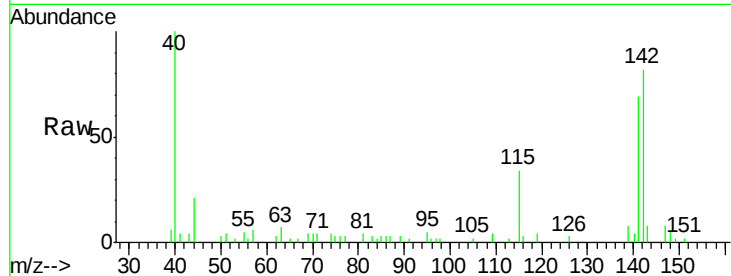
142 100

141 84.0 72.0 108.0

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#44

Dimethylphthalate

Concen: 4.058 ng/ul

RT: 13.67 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BN005814.D

Acq: 20 May 2019 23:47

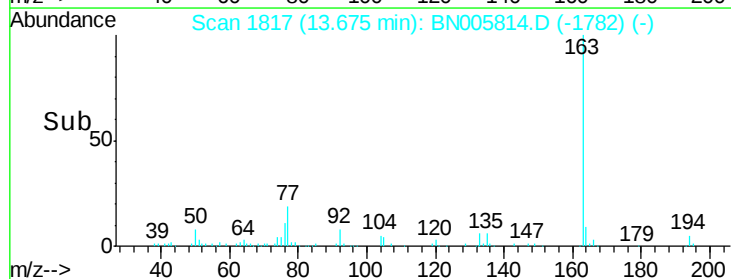
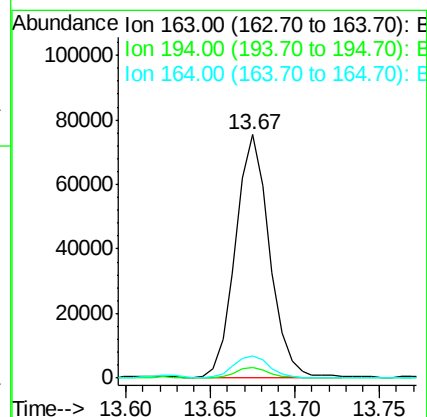
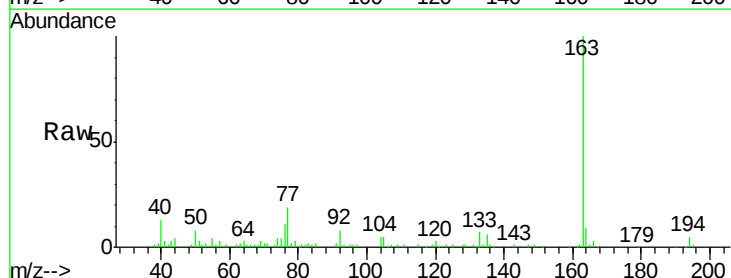
Tgt Ion:163 Resp: 106766

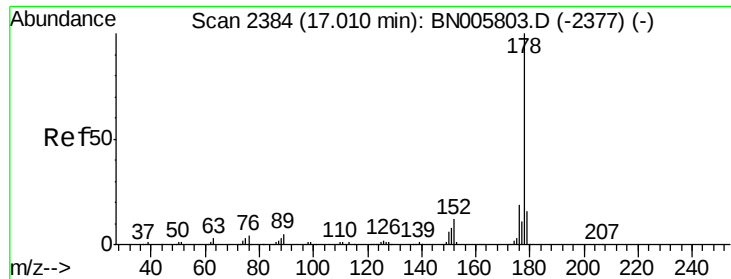
Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

164 9.0 8.1 12.1





#69

Phenanthrene

Concen: 1.475 ng/ul

RT: 17.01 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BN005814.D

Acq: 20 May 2019 23:47

Instrument :

BNA_N

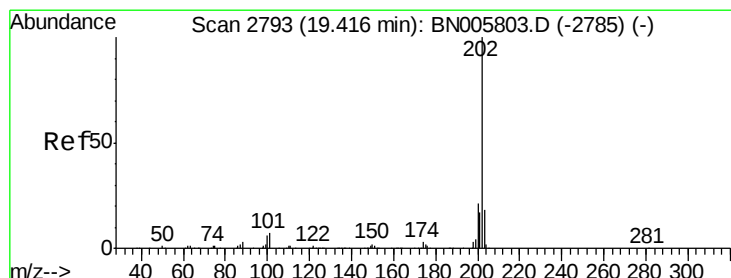
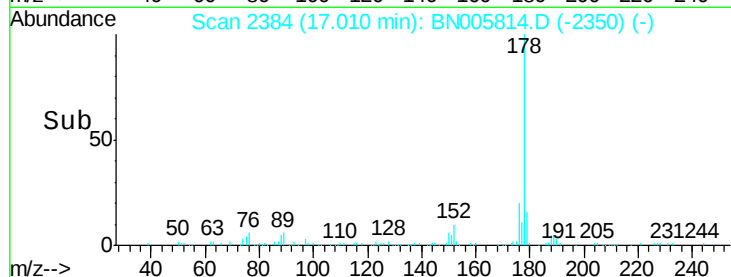
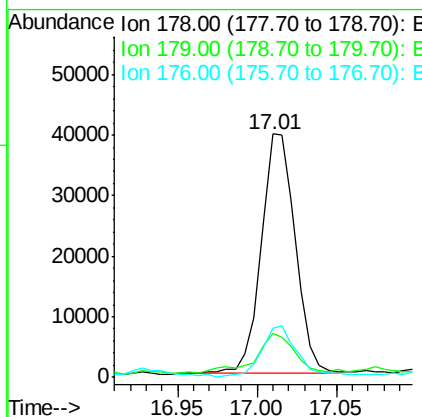
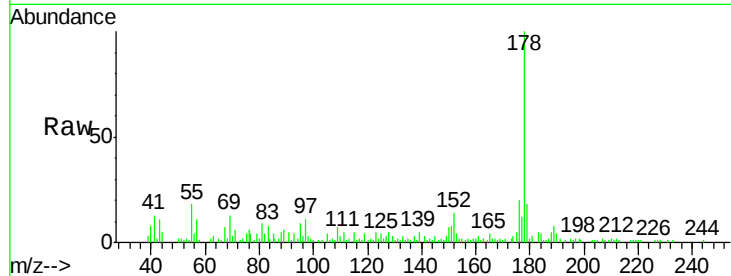
ClientSampled :

BFH64

Tgt Ion:	178	Resp:	59479
Ion Ratio	Lower	Upper	
178	100		
179	17.9	12.2	18.4
176	19.9	15.1	22.7

Manual Integrations
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#79

Pyrene

Concen: 1.191 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BN005814.D

Acq: 20 May 2019 23:47

Tgt Ion:	202	Resp:	43355
Ion Ratio	Lower	Upper	
202	100		
101	8.4	10.3	15.5#
100	8.4	7.9	11.9

